

Typical Product Specifications & Properties

Active Magnesium Oxide RA 110

CAS Number: 1309-48-4

Specifications	Limits
Magnesium Oxide as MgO (by difference)	98.0 - 100.0%
Calcium as CaO	0.45% max
Silicon as SiO ₂	0.04% max
Iron as Fe ₂ O ₃	0.03% max
Aluminum as Al ₂ O ₃	0.015% max
Chloride as Cl	0.25% max
Sulphate as SO ₄	0.25% max
Sodium as Na	0.10% max
Potassium as K	0.04% max
Loss on Ignition	7.0% max
Surface area (BET)	130 - 170 m ² /gr
Bulk Density (10 taps)	0.60 gr/cc max
Particle Size: Passes 325 mesh (wet Sieve)	99.0% min
Melting Point	2800 c
Insolubility	in alcohol
Odor	wh. powd. or cryst., odorless
Molecular weight	40.31